



Docket No.: 63021 (4590-287)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Inventor(s): Anne FERREOL et al.

: Confirmation No. 5317

U.S. Patent Application No. 10/814,808

: Group Art Unit: 2631

Filed: April 1, 2004

For: METHOD AND DEVICE FOR THE FOURTH-ORDER, BLIND IDENTIFICATION  
OF AN UNDER-DETERMINED MIXTURE OF SOURCES

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

Respectfully submitted,

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**Date: August 10, 2004**



## INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(PTO-1449)

ATTY. DOCKET NO  
4590-287

U.S. PATENT  
APPLICATION NO.  
**10/814,808**

**APPLICANT**

FILING DATE  
April 1, 2004

GROUP  
2631

U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	<b>Cardoso J F et al: "Blind Beamforming For 1-10 Non-Gaussian Signals" 1993-12-01, pages 362-370.</b>
	<b>Ferreol A et al: "On the behaviour of current second and higher order blind source separation methods for cyclostationary sources" New York, US; June 6, 2000, pages 1712-1725.</b>
	<b>Ferreol A et al: "Higher order blind separation of non zero-mean cyclostationary sources" signal processing: Theories and Applications, proceeding of Eusipco, XX, XX, September 22, 2002.</b>
	<b>Cardoso J-F Ed -Institute of Electrical and Electronics engineers: "Super-symmetric decomposition of the fourth-order cumulant tensor. Blind identification of mono- and bivariate signals."</b>

the fourth-order cumulant tensor. Blind identification of more sources than sensors.”

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.